

8800 Technology Forest Place
The Woodlands, TX 77381
Phone: 281-863-3399
Fax: 281-863-3335

**Lexicon Genetics
Incorporated**

Fax

To: Examiner M. Monshipouri
USPTO

From: David Hibler

Fax: 703-746-5256

Date: November 18, 2003

Phone:

Pages: 10 (including coversheet)

Re: LEX-0046-USA
App Serial Number: 09/671,050

CC: File

•Comments:

Pursuant to your request, please find attached a copy of the Sequence Listing as originally filed in the above-mentioned patent application. Please let me know if you need any further information.

SEQUENCE LISTING

<110> Donoho, Gregory
 Turner, C. Alexander Jr.
 Nehls, Michael
 Friedrich, Glenn
 Zambrowicz, Brian
 Sands, Arthur T.

<120> Novel Human Kinase Proteins and
 Polynucleotides Encoding the Same

<130> LEX-0046-USA

<150> US 60/156,511

<151> 1999-09-28

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<170> FastSEQ for Windows Version 4.0

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Asn Leu Ile Glu Val Phe Arg Arg Lys Arg Lys Met His Leu Val Phe
65              70              75              80
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Gly Val Ala Asp Gly Val Ile Lys Ser Val Leu Trp Gln Thr Leu Gln
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Ser Leu Ile Gly Leu Ile Val Asp Leu Leu Asn Ser Phe Ser Ala Asn
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Asn Leu Ile Glu Val Phe Arg Arg Lys Arg Lys Met His Leu Val Phe
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Glu Tyr Cys Asp His Thr Leu Leu Asn Glu Leu Glu Arg Asn Pro Asn
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Ala Leu Asn Phe Cys His Ile His Asn Cys Ile His Arg Asp Ile Lys
115          120          125
Pro Glu Asn Ile Leu Ile Thr Lys Gln Gly Ile Ile Lys Ile Cys Asp
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165          170          175
Gln Tyr Gly Ser Ser Val Asp Ile Trp Ala Ile Gly Cys Val Phe Ala
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Glu Leu Leu Thr Gly Gln Pro Leu Trp Pro Gly Lys Ser Asp Val Asp
195          200          205
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225          230          235          240
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 50 55 60
 Asn Leu Ile Glu Val Phe Arg Arg Lys Arg Lys Met His Leu Val Phe
 65 70 75 80
 Glu Tyr Cys Asp His Thr Leu Leu Asn Glu Leu Glu Arg Asn Pro Asn
 85 90 95
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 Ala Leu Asn Phe Cys His Ile His Asn Cys Ile His Arg Asp Il Lys
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